

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 511.33114CC6	APPLICATION NO. TBD
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT HAGIWARA, et al.	
		FILING DATE November 17, 2003	EXPECTED GROUP 1752

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
JEC	AA 5,472,823	12/5/1995	Hagiwara, et al.			
J	AB 5,811,218	9/22/1998	Kaji, et al.	430	281-1	
J	AC 5,474,876	12/12/1995	Haehnle, et al.	430	283-1	
J	AD 5,399,655	3/21/1995	Simmons, III	528	128	
J	AE 5,106,720	04/21/1992	Mueller, et al.	430	285-1	
J	AF 5,399,460	5/21/1995	Aldrich, et al.	430	287-1	
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
JEC	AM 0580108A2	1-26-94	Europe				
J	AN						
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AU	
AV	
AW	
AX	
AY	
AZ	
Examiner	Date Considered
J. Ch	12/2004